

CLAIMS:

1. A screening method for identifying a methoxyphosphonate nucleotide analogue prodrug conferring enhanced activity in a target tissue comprising:
  - (a) providing at least one of said prodrugs;
  - (b) selecting at least one therapeutic target tissue and at least one non-target tissue;
  - (c) administering the prodrug to the target tissue and to said at least one non-target tissue; and
  - (d) determining the relative activity conferred by the prodrug in the tissues in step (c).